

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/001765

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: B62D 1/08, B62D 1/04**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: B62D**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p><b>PATENT ABSTRACTS OF JAPAN</b>            vol. 0175, nr. 07 (M-1479),            13 September 1993 (1993-09-13)            &amp; JP 5131933 A (MAZDA MOTOR CORP),            28 May 1993 (1993-05-28)            abstract, fig.1</p> <p>---</p>	1
A	<p><b>PATENT ABSTRACTS OF JAPAN</b>            vol. 1995, no. 02,            31 March 1995 (1995-03-31)            JP 6329025 A (NISSAN MOTOR CO LTD),            29 November 1994 (1994-11-29)            abstract, fig.1</p> <p>---</p>	1

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
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Date of the actual completion of the international search

8 February 2005

Date of mailing of the international search report

04-03-2005

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**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5090731 A (FUJITA ET AL), 25 February 1992 (25.02.1992), figures 1,5, abstract --	1
A	US 5002306 A (HIRAMITSU ET AL), 26 March 1991 (26.03.1991), figure 1, abstract --	1
A	US 4638131 A (KIDD ET AL), 20 January 1987 (20.01.1987), figure 1, abstract -- -----	1

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US	5090731	A	25/02/1992	DE	4038116	A,C	04/07/1991
				JP	2537687	B	25/09/1996
				JP	3197273	A	28/08/1991
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US	5002306	A	26/03/1991	JP	1157075	U	30/10/1989
				JP	1230444	A	13/09/1989
				JP	7012209	Y	22/03/1995
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US	4638131	A	20/01/1987	CA	1258110	A	01/08/1989
				JP	1900907	C	27/01/1995
				JP	6024087	B	30/03/1994
				JP	62170117	A	27/07/1987